FIG. 1

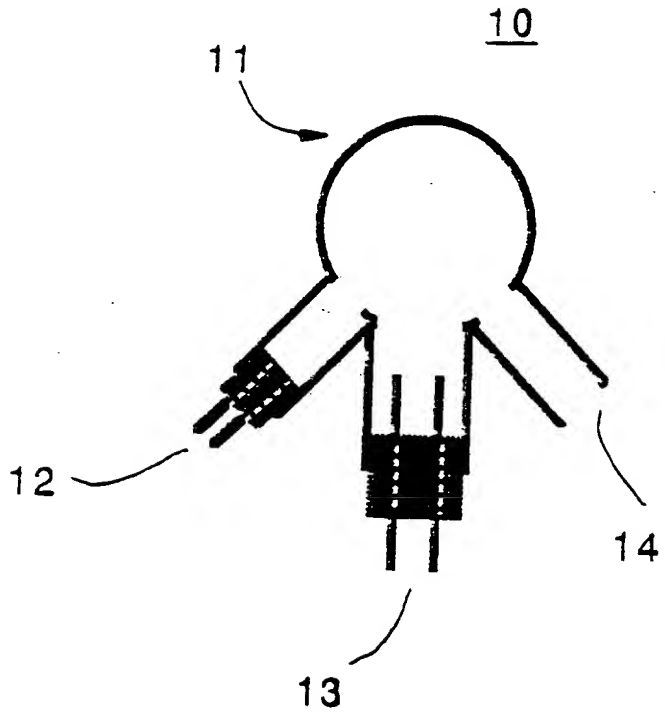


FIG. 2

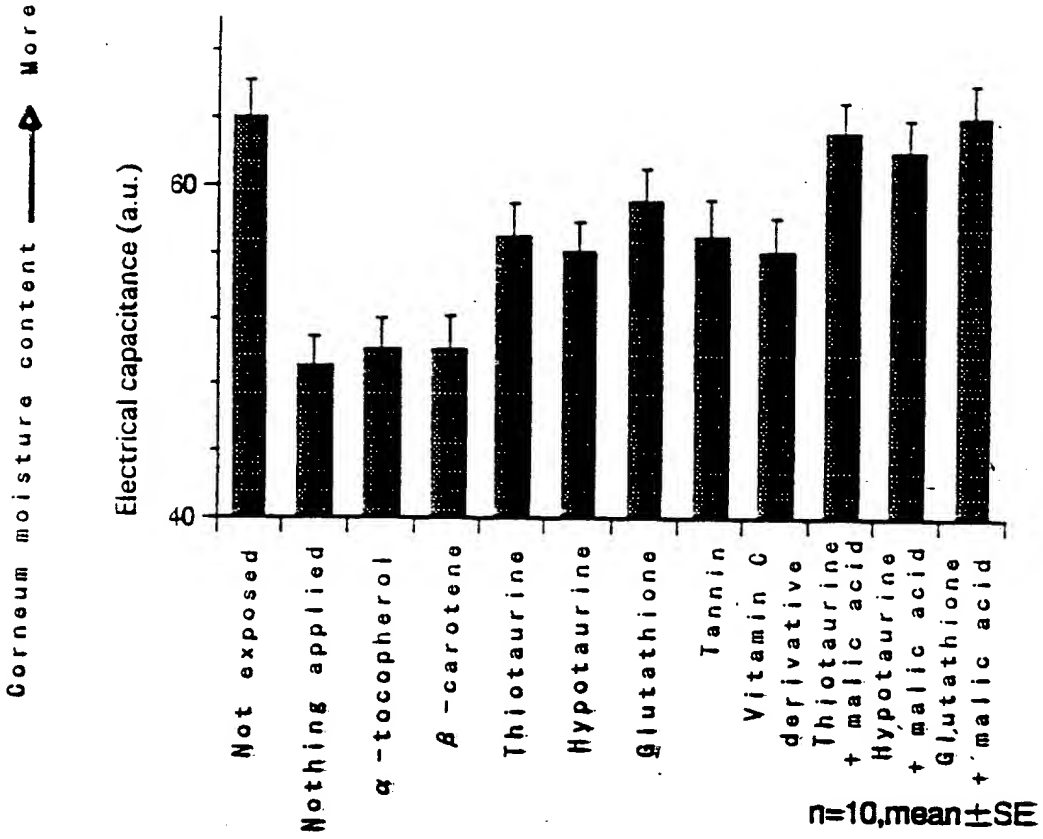

Corneum moisture content ——▲ More
Electrical capacitance (a.u.)
60
40
Not exposed
Nothing applied
α-tocopherol
β-carotene
Thiotaurine
Hypotaurine
Glutathione
Tannin
Vitamin C derivative
Thiotaurine + malic acid
Hypotaurine + malic acid
Glutathione + malic acid
n=10,mean±SE

FIG. 3

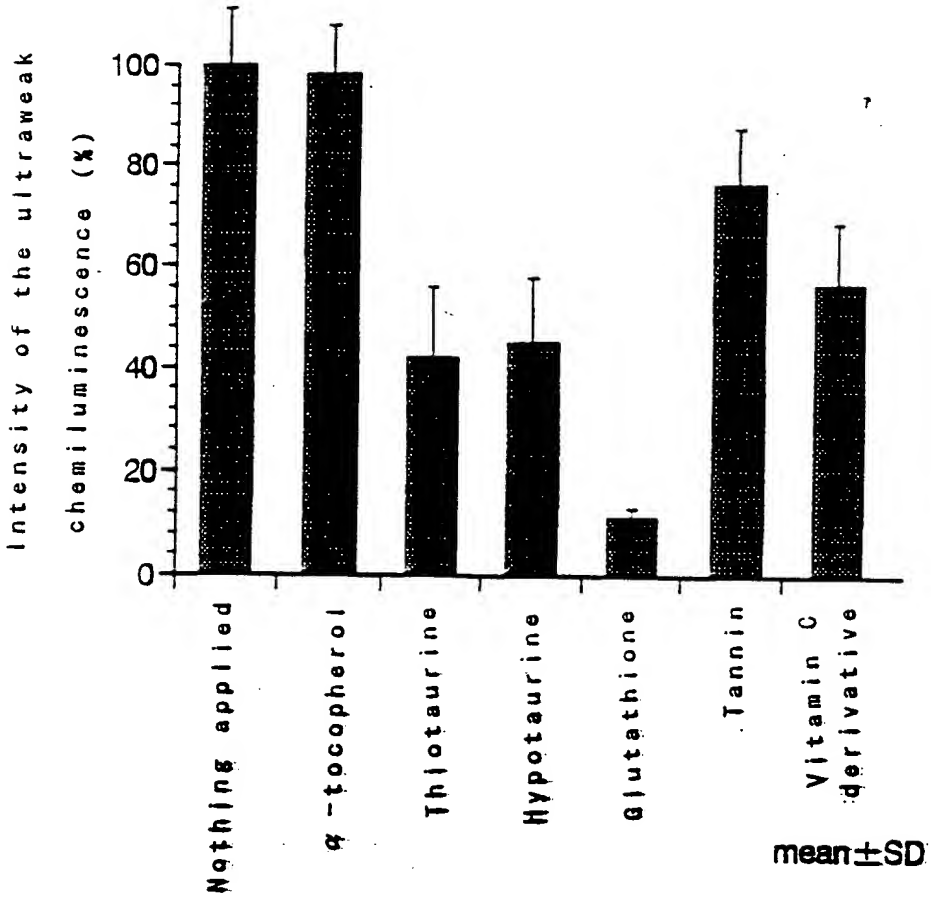
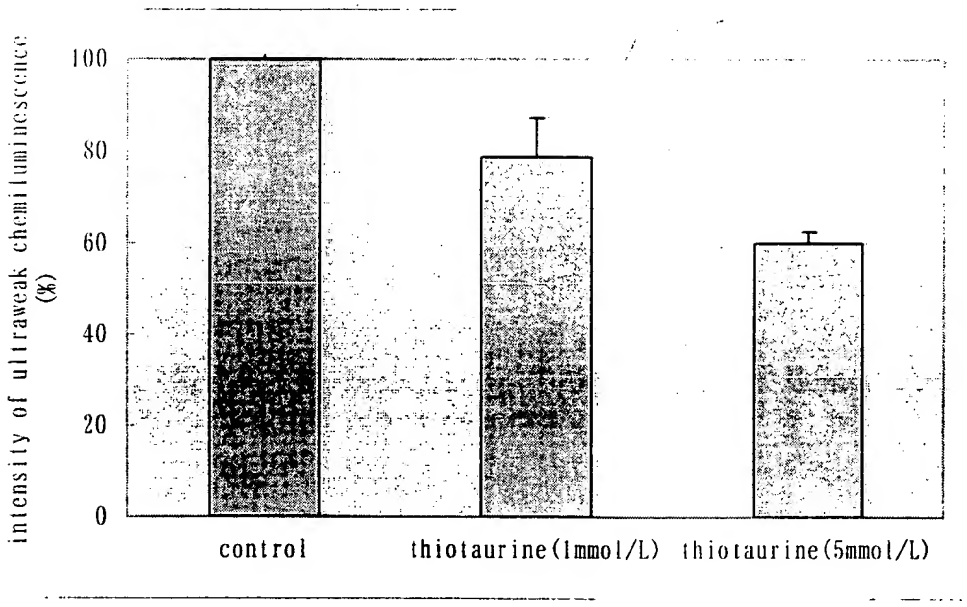

Intensity of the ultraweak chemiluminescence (%)
100
80
60
40
20
0
Nothing applied
α-tocopherol
Thiotaurine
Hypotaurine
glutathione
Tannin
Vitamin C derivative
mean±SD

FIG. 4


intensity of ultraweak chemiluminescence (%)
100
80
60
40
20
0
control
thiotaurine(1mmol/L)
thiotaurine(5mmol/L)